

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

9 FEBRUARY 1978

THE UNIVERSITY SENATE: AS STRONG AS ITS MEMBERS

In the University's first years, the Senate was its sole governing body, making decisions about what courses would be taught, where and by whom, what buildings would be built, and what the budget would be. Such global responsibilities were taxing to the little body of dedicated men who comprised that first Senate. In part at their suggestion, the University Act was amended in 1910, giving Senate the authority for academic matters but placing the management and purse strings of the University clearly in the hands of a newly created Board of Governors.

Senate's power in University matters was further reduced in 1942, when the General Faculty Council was given responsibility for all academic matters, including the awarding of degrees (except honorary degrees, whose recipients continued to be chosen by Senate). Its membership was also reduced from fifty-four to twenty-five, sixteen of whom were to be statutory members representing the Board, the teaching staff, the students, and affiliated associations. No longer did the Senate have any legislative function; instead, it was rather vaguely instructed to act as a bridge between the University and the public.

Again, in 1966, with the new Universities Act, Senate was admonished to become more active in its role as bridge between the public and the University. Its mandate was to inquire into any matter that "might tend to enhance the usefulness of the University."

The great problem with such a broad and general responsibility was that it gave little guidance toward specific actions that Senate might take to carry out its mandate effectively. Legislatively, it had been made virtually powerless, and Senate knew it. For years the Senate struggled to come to grips with this problem, and every now and then, as an expression of its frustration, it even considered motions to dissolve itself.

Dissolution of the Senate would be unthinkable today, as the Senate makes itself heard compellingly through its task forces and its large open sessions. The Senate today is in large part the product of a report made in February, 1972, by what could be considered as the first of many Senate



Walter Jule, Associate Professor and Coordinator of the Printmaking Division, Department of Art and Design, is seen here signing the "bon à tirer" (printer's proof) of a print commissioned from him by the Commonwealth Games Foundation. The print is one in a series commissioned by the Foundation to Commemorate the Games. It will be presented to the National Galleries of each of the Commonwealth countries, the Edmonton Art Gallery, University Collections, and the Department of Art and Design.

task forces, the Committee to Study the Role of the Senate.

That Committee, chaired by George Tuttle, Principal of St. Stephen's College and now Moderator of the United Church of Canada, pointed out that the Senate had a unique role in the University, and that in fact Senate had very considerable powers, powers to investigate and powers to influence the governing bodies of the University. The Tuttle Report, as it became known, suggested that the Senate hold public forums, encourage public submissions, establish commissions on aspects of the University that appear to be of public concern, and generally take an active interest in issues involving the University, particularly controversial issues. The Report also suggested that Senate appoint a full-time Executive Officer with appropriate secretarial back-up. Previously, the Senate had no staff of its own and depended on the time donated by its volunteer members and on the assistance of the University's Registrar, who acted as Secretary to Senate. A full-time Executive Officer would be able to provide continuity, coordination, and information-gathering services to the Senate and its task forces.

The Chancellor when the Tuttle Report was presented, Louis Desrochers, enthusiastically took the lead toward making the Senate the dynamic body it is today. His successor, Ron Dalby, has continued his work and has striven to build the Senate's independence and credibility.

But the real power of the Senate lies with its sixty-two members, as individuals perhaps even more than as a group. The strongest voice of the Senate comes through its task

forces, twenty-four since the Tuttle Report. Individual Senate members and sometimes people outside the Senate make up the membership of these task forces; it is the investigation carried out by these individuals into the issues, from a public and from a University point of view, that gives each task force its meaning, and it is their thought and work that construct the final report. It is as a group of individuals, too, that the Senate considers each report, each public submission, each concern that comes before it in the open public meetings that occur three or four times a year. Individuals also make up the standing committees of Senate, the Executive Committee, the Nominating Committee, the Honorary Degrees Committee, and the Emil Skarin Memorial Fund Committee. In all cases, the level of participation of each member is a clear indicator of the effectiveness of the Senate as a whole. The large majority of Senate's members are volunteers—even the Chancellor, who acts as chairman of Senate—and several of them live a considerable distance from Edmonton.

In the Tuttle Report, the membership of Senate was considered a very important matter. The ideal was to have as broad a representation of society as possible, especially drawing on members of the community outside Edmonton. The report expressed concern that "low-income people and dispossessed groups" were inadequately represented on Senate. The authors of the report were uncertain whether or not more direct representation from these groups was feasible, but to make up for this lack they suggested that Senate should regularly focus on the University's responsibility to these people. The Task Force on Native Students might be considered one of several responses to this stated concern; this task force will present its report at the next Senate meeting, on Friday, 24 February.

Thus, today's Senate depends strongly on its members. And its members, assured by the past half-dozen years' experience, know that their contribution will have a direct effect on the University, whose legislative bodies take the Senate's recommendations very seriously indeed.

This month, the Senate is seeking nominations for six vacancies among the thirty members it elects from the public. An additional three vacancies are also expected among the nine members appointed by the Minister of Advanced Education and Manpower. Terms of office for Senate members are three years long, with the possibility of serving an additional three-year term.

Those who wish to nominate individuals to

sit on Senate may either nominate them directly to the Senate, for possible election, or may nominate them to the Minister of Advanced Education and Manpower, for possible appointment to the Senate. There are no special requirements for public members on the Senate—only that one care about the University and the community it serves, and that one be willing to spend the time helping translate that concern into tangible results.

For more information about how to nominate members to the Senate, telephone the Senate office at 432-2268.

WEATHER INFORMATION AVAILABLE

The month of February seems to encourage most people to talk about the weather, and the level of sophistication involved in such conversations is usually as low as the temperature. The surface weather station at the University's Ellerslie Research Station is now compiling one-page summaries of observations made there, and while these reports will not raise the temperature, they may well serve to raise the level of weather-related conversations.

The monthly summaries include statistics on temperature, precipitation, hours of sunshine, wind, evaporation, and frost. R.P. Weatherburn, a meteorology technician at the Department of Geography, recently distributed a sample summary within the University, and the summaries are now being offered for wider distribution. Anyone who would like to be added to the mailing list for the weather data summary should contact Mr. Weatherburn, telephone 432-5796.

THE UNIVERSITY OF ALBERTA NATIONAL AWARD IN PAINTING AND THE RELATED ARTS

Nominations are invited for the 1978 National Award in Painting and the Related Arts.

Since 1951, the Board of Governors of the University of Alberta has offered National Awards to Canadians who have made distinguished contributions over a period of no less than twenty years to the development of Letters, Music, and Painting and Related Arts in Canada. The Board's purpose in establishing the Awards was to foster a greater appreciation of the fine arts in Canada.

Originally, Awards were presented in all three fields each year. However, since 1961 the National Awards have been rotated annually among Music, Letters, and Painting and the Related Arts. The Award for 1978 will be presented in the area of Painting

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and the Related Arts. The Chairman of the Award Committee this year is Doug Haynes, Chairman of the University's Department of Art and Design.

The first Award for Painting and the Related Arts was presented to A.Y. Jackson in 1951; the most recent Award in this area was made to Calgary painter Illingworth Kerr in 1975. Last year's Award, in Letters, was made to Thomas H. Raddall of Nova Scotia; the previous year's Award, in Music, went to pianist Glen Gould.

The Award, a gold medal, is presented in July each year at the Scholarship Night ceremonies at the Banff School of Fine Arts. Nominations for the Award should be sent to the Award Committee, in care of W.F. Allen, Associate Vice-President (Academic), 3-12 University Hall, no later than 28 February.

BOARD OF GOVERNORS

Margaret Andrekson



Mrs. Andrekson received her Bachelor of Arts degree from the University of Alberta in 1949. For many years she has been closely involved with community activities and continues to engage in a wide number of ventures at the municipal, provincial, national, and international levels. From 1961 to 1962, Mrs. Andrekson was a member of the Steering Committee which led to the establishment of the Canadian Native Friendship Centre in Edmonton, and, from 1962 to 1963, she served as President of the Junior League of Edmonton. In 1967 Mrs. Andrekson was elected to the position of Director of the Association of Junior Leagues, Incorporated, with headquarters in New York. From 1969 to 1971 she served as First Vice-President of that Association, participating in and being responsible for the

organization of many conferences conducted in Canada and the United States. In 1970 Mrs. Andrekson was presented with the Shield Award of the Delta Gamma Fraternity for "distinguished achievement through professional or volunteer service to the community," and, in 1971, was made an Honorary Life Member of the Junior League of Edmonton. Mrs. Andrekson has also participated actively in the cultural life of the City of Edmonton, representing the City in 1967 at the Edmonton Day activities at Expo in Montreal. More recently, Mrs. Andrekson has served as a member of the Board of the Edmonton Symphony Society and the Women's Society of the Edmonton Art Gallery. Appointed to her first term on the Board of Governors of the University of Alberta in 1974, Mrs. Andrekson accepted appointment to a second term in February, 1977. Mrs. Andrekson, who is currently serving a second term on the University Senate as a representative of the Board of Governors, is Chairman of the Board's Academic Concerns Committee and is a member of the Board's Executive Committee. In 1977 Mrs. Andrekson acted as Chairman of the Residential Campaign of the United Way. She is also a member of the Board of the XI Commonwealth Games Canada Foundation and serves as Chairman of the Special Events Division.

Mrs. Andrekson has brought to the Board of Governors of this institution a wide experience of organizational structures and procedures and, furthermore, an informed opinion of the way in which the public views the University. Mrs. Andrekson is very much interested in the welfare of this University and, at present, is concerned primarily with the Board's relationship to the academic community and with the University's relationship to the public. As Chairman of the Academic Concerns Committee, Mrs. Andrekson is particularly interested in fostering an understanding within the academic community of the role of the Board of Governors and of the function of the Committee over which she presides.

According to Mrs. Andrekson, the Academic Concerns Committee "reviews material for recommendation to the Board on matters having academic implications, that are within the responsibilities of the Board, in the same way that other standing committees of the Board review and recommend appropriate actions to the Board." For Mrs. Andrekson, "the surprising thing is not that we now have such a committee, but that we have been so long without such a committee." The Academic Concerns Committee acts as a "facilitator," allowing detailed study of proposals before they are presented to the whole Board for approval.

Mrs. Andrekson views the Board of Governors of this University "very much as a working Board, a very involved Board." She is, furthermore, a strong proponent of the present committee structure of the Board, believing that the University is a "tremendously complex organism" which is best understood by working on committees that treat the institution's various facets and functions in depth.

Mrs. Andrekson expressed delight at the establishment of the Community Relations Committee: "I personally feel that the University has a great story to tell to the public. I think that the University has a story of accomplishment, a story of inquiry, of cooperation, of teamwork that the public is only peripherally aware of. I also think that we are our own worst enemies, that we do not get out and tell the University story to the community. . . . It is a very broad story and a story of great accomplishment." Mrs. Andrekson stated also that she is pleased to see the re-establishment of the Varsity Guest Weekend which in past years "enabled the public to come on campus and somehow to share in the pride of the University and in the accomplishments of the University." "The University," Mrs. Andrekson continued, "does not exist in a vacuum . . . it must be part of the community in which it is located and must not be set apart from that community."

In this regard, Mrs. Andrekson stated her belief that the Faculty of Extension has done much to bring the University to the public and by its efforts has built up a very "creditable, a very enviable reputation." Indeed, for most people in the local community, their association with the University has come about through the Faculty of Extension. However, "the public has to see, it has to have some tangible evidence . . . it would be more receptive and would better understand the need for basic research at the University, if, in fact, it felt freer to come on campus and have access to the facilities that are here—not that these facilities are not available to the public, it is just that I feel that the public is somehow not encouraged by the University to avail itself of the opportunities that are available over here."

Mrs. Andrekson is a person who believes strongly in the value of volunteer efforts in the community. In a sense, she regards the large amount of time spent on the Board of Governors almost as repaying a debt owed to the society that fostered her own education. "Lay people on the Board are very willing to give their time and whatever talents they have, to give their energy, because of their very strong, firm belief in the worth of the University and the role it plays within

this community—not just in the teaching of students but in the development of research. I think the Board probably is the strongest proponent that the University has in providing quality education for the students of this province and very basic research for the people of this province and for the country at large. I think that the Board probably feels very keenly that it would work very hard to continue to enhance this University as one of the great universities in the country.”

GENERAL FACULTIES COUNCIL

The regular meeting of General Faculties Council was held on Monday, 30 January. The following matters were among those discussed.

New Members

Two new elected staff members were welcomed to council: R.F. Anderson (English) and Murray Smith (Physical Education).

Nominating Committee Report

University Planning Committee. The situation had arisen in which the terms of office of all elected academic staff members of the University Planning Committee were to end in June this year. GFC agreed that the Nominating Committee could deviate from normal nominating procedures in this case to avoid electing an entirely new membership on this major committee and to provide a period of overlap for membership terms in the future. Accordingly, M.P. Browne (Elementary Education) was elected to serve a second term of three years, beginning in July, 1978, and F.B. Cookson (Medicine) was elected to serve an extended term of two years, also beginning in July, 1978. Those who will be elected to replace the remaining three staff members whose terms expire this June will serve terms of one, two, and three years respectively.

New members were also elected to the following Committees:

Universities Coordinating Council: Dallas Cullen (Business Administration and Commerce).

Committee for the Improvement of Teaching and Learning: C. Bhattacharya (student, Business Administration and Commerce).

Radio and Television Committee: D.W.R. Wilson (Elementary Education).

Annual Reports of GFC Committees

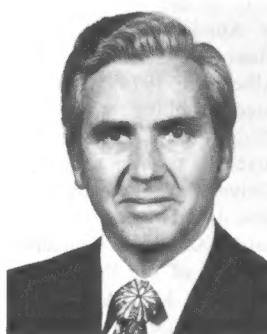
Council received the annual reports of the University Planning Committee, the Campus Development Committee, the GFC Library Committee, and the GFC Housing and Food Services Committee.

In the discussion of the University Planning Committee's report, R. Phillips, Vice-President



APPOINTMENTS

Harvey Zingle, Professor in the Faculty of Education, has been appointed Chairman of the Department of Educational Psychology from 1 July 1978 to 30 June 1983. Dr. Zingle, who received his PhD from the University in 1965, has had a continuing interest in the area of counselling psychology. He is a former president of the Psychologist's Association of Alberta, and at the present time he is Chairman of the Board of Examiners in Psychology and editor of the publication Canadian Counsellor. He is the senior author of A Handbook for Beginning Counsellors, Decision Making, Personalizing Decision Making, The Elementary School Counsellor in the Decade Ahead, and Activities for Classroom Teaching. During the past several years, Dr. Zingle has also served as a consultant at the Misericordia Hospital.



George Moonie, Clinical Professor in the Department of Anaesthesia, has been appointed Chairman of that Department. Dr. Moonie has been acting Chairman of the Department since 1 January 1975, and his present appointment is in effect until 30 June 1983. He received his Bachelor of Arts Degree from the University of Saskatchewan and his Doctor of Medicine degree from the University of Alberta. His post-graduate training was taken at the University of Alberta and at Columbia University in New York. Dr. Moonie is certified as a specialist (Anaesthesia) by the Royal College of Physicians and Surgeons and has a diploma from the American Board of Anaesthesia. He has been an active member of the medical staff at the University of Alberta Hospital since 1951.



Roberta E. McKown has been re-appointed Chairman of the Department of Political Science. Her present appointment will extend to 30 June 1982. Dr. McKown, who holds BA, MA, and Doctor of Philosophy degrees from the University of Oregon, has been Chairman of the Department of Political Science since 1976. She is a specialist in the politics of emerging nations, and her teaching fields include revolution and social change, international politics, politics of Sub-Saharan Africa and comparative politics, and comparative theory and analysis.

(Planning and Development), noted that although a request for some \$150,000 for a University day care centre had been submitted to the provincial government as part of the request for capital funds, there were indications from the government that this would not be included in the capital grant for this year.

With reference to the report of the GFC ad hoc Committee to Study the Size of the University, received by the University Planning Committee in July 1976, it was noted that GFC had forwarded this report to the UPC with the instruction that UPC study the report and prepare a plan for Council to consider. The annual report of the UPC noted only that the report of the

ad hoc Committee had been received.

President Gunning assured Council that the University Planning Committee would reconsider this report in the light of the Council's original instructions.

University Entrance Examinations

Last April the GFC Executive referred to the GFC Committee on Admissions and Transfer a proposal from E. Howarth (Psychology) that the University impose entrance examinations to resist allegedly failing academic standards. The Committee on Admissions and Transfer considered this matter and recommended that "the University continue to use high school grades as a basis for admission and not take steps at the present time to develop and administer

its own university-wide entrance examination in the various Grade XII matriculation subjects." It was understood that faculties would continue to have their own entrance requirements, as at present. Council approved this recommendation.

The Committee on Admissions and Transfer declined to support a unilateral entrance examination because it found "no clear and uncontaminated evidence" of a decline in academic standards, because teacher-reported grades were considered to be predictors at least as good as standardized achievement tests, and because the costs of instituting entrance examinations would be prohibitive. The Committee was careful to point out, however, that it was not recommending against special entrance examinations for particular faculties, such as Law or Medicine, nor was it recommending against special examinations testing special skills, such as competence in English or mathematics.

Smoking Resolution

J.H. Balderson (Educational Administration) submitted to Council a proposal that "employees of the University are permitted to withdraw from meetings and other functions if they consider the presence of smoke to be a threat to their health and safety." Professor Balderson said that he had phrased this resolution in this way because University regulations directly prohibiting smoking in such places as classrooms seem to have gone unheeded. Dean Baldwin, whose pipe is well-known, moved that the resolution be tabled, and Council agreed.

BOARD OF GOVERNORS

The regular meeting of the Board was held on Friday, 3 February 1978. The following topics were among those discussed.

Facility for Recombinant DNA Research

A request for approval of proposed research facilities to permit the use of recombinant DNA techniques was discussed. Chairman E.A. Geddes pointed out that the Board would not be making a decision on this matter until it had been considered more fully by the Board Building Committee. However, because recombinant DNA techniques are a matter of some public interest, he felt it should be discussed openly.

L.C. Gridale, Associate Dean of Medicine, and Erwin Diener, Professor and Chairman of the Department of Immunology, and head of the MRC Group on Immunology, described the two research projects that would be using the facility. One project deals with the causes of certain auto-immune diseases, such as multiple sclerosis. This research would

use recombinant DNA techniques to combine immune response gene material sufficiently to a bacterium which is a normal component of human intestinal flora; the bacterium bearing the immune response genes would then multiply, thus magnifying the quantity of immune response gene material sufficiently to permit it to be studied.

The second project would isolate particles found in human leukemia cells that seem to be related to a virus-like agent that has been found to cause cancer in certain animals (though not in humans). Establishing that such a relationship exists could lead to further research to produce a vaccine or treatment agent for leukemia in humans.

Both projects have already been funded by the Medical Research Council, on the condition that suitable containment facilities would be provided to reduce the risks involved in such research. Dr. Diener noted that research had already begun on these projects, but had been halted when the Medical Research Council and the National Research Council adopted safety guidelines governing such research.

The potential risks involved in these projects would be, in the one case, possible contamination with the leukemia-related particles or the cancer-associated virus-like agent and, in the second case, the nature of the new organism created when mouse immune response cells are fused with a bacterium. Drs. Gridale and Diener stated that safety measures already incorporated into the experiments plus the highly sophisticated containment facilities required by the MRC would make any attendant risks to the researchers, technicians, and community very small indeed. Dr. Diener explained that the bacterium used in the immune response gene research not only was normally a harmless strain, but that it was generally "crippled" so that it would be unable to survive outside a specially controlled laboratory situation.

Research projects involving recombinant DNA procedures and potentially harmful bacterial and viral substances fall under stringent guidelines set by the Medical Research Council and the National Research Council. At this University, they also fall under the scrutiny of the University Biosafety Committee, chaired by F.L. Jackson, Professor and Chairman of the Department of Medical Bacteriology. Formerly a Committee of the Faculty of Medicine, it was expanded to monitor research in all faculties of the University. It was noted that the work of the Committee would be reported to the President by the Dean of the Faculty of Graduate Studies and Research, and that the President would report any concerns to the Board. Representatives of the Committee

expressed their belief that the research projects under discussion would be conducted with reasonable safety precautions in the special containment facilities required by the MRC and that there would be minimal risk.

The containment facilities required for the recombinant DNA research in the Department of Immunology would be available to other research projects at the University, provided that they were funded by a national agency such as NRC or MRC, with concomitant safety requirements. If the new facilities are approved, this University will have the second sophisticated containment facility in Canada; the first was built for the NRC in Ottawa. Another less sophisticated facility exists at Suffield, in southeastern Alberta.

Most Board members, while expressing considerable concern about the potential hazards involved in such research, felt that the possible benefits outweighed the risks. Most said they were satisfied that appropriate precautions were being taken. Several echoed Dr. Gridale's statement that in cases such as these, where the results of such research projects could produce a vaccine against cancer or cure a crippling disease, "it would be almost immoral not to proceed."

R.G. Reynolds, Chairman of the Board Building Committee, asked that representatives from the Faculty of Medicine and the University Biosafety Committee meet with the Building Committee to discuss the facilities requested.

Academic Concerns Committee

The Academic Concerns Committee recommended and gained Board approval of an amendment to the rules and regulations governing the employment of part-time academic staff by the insertion of the following clause: "7.5 In the event that a part-time staff member has an appointment without definite term (a continuing appointment), the normal retirement date for such staff shall be June 30 following the attainment of age sixty-five (65)." The amendment shall take effect immediately.

Search Committee for a President

At its meeting on 6 January 1978, the Board was informed that Dr. Gunning did not wish to continue as President of the University after his term of office expires in July, 1979. The Board, therefore, at its meeting of 3 February, gave some consideration to the establishment of a Search Committee for a President. It was decided that some amendments be made to the search procedures adopted by the Board on 4 February 1977. Also, the suggestion was made that, on the establishment of a Search Committee, guidelines be prepared concerning the nature of the Presidency and its functions.

The matter was held over for discussion at a future meeting.

Board Building Committee

Among the proposals submitted by the Building Committee for Board deliberation and approval was a "Capital Expenditure Authorization Request" (AR) for the construction of a Headquarters Complex at the University of Alberta Devonian Botanic Garden. The complex will include space for administrative functions, greenhouse and storage space, and a residence for a full-time caretaker/foreman responsible for security and operation. Major funding for this project, which gained the approval of the Board, is to be supplied by the generosity of the Devonian Foundation and the Muttart Foundation with matching grants from the Ministry of Advanced Education and Manpower.

PEOPLE

- Harry Wohlfarth, Extension Professor, was invited to exhibit thirty watercolors at Stern Gallerie, Villingen, West German. The exhibition, "City Portraits," began in January and will continue throughout February.
- D.R. Clandinin and A.R. Robblee, both of the Department of Animal Science, have recently been awarded the Canadian Silver Jubilee Medal in commemoration of Queen Elizabeth's twenty-fifth year of reign. The award of the medal to Dr. Clandinin and Dr. Robblee is an expression of appreciation of worthy and devoted service to the community and of the esteem in which they are held by their associates.
- L.C. Green, University Professor, has been elected a member of The Athenaeum, London, England.
- The Canada Council has awarded \$21,600 to J.P. Das for a research project on the development of linguistic processing in reading-disabled, educable mentally retarded, and normal children. Dr. Das is the Director of the Centre for the Study of Mental Retardation and a Professor in Education Psychology. The grant will assist the Centre in its research into cognitive processes.
- P. Krishnan, Associate Professor of Sociology, attended the meeting of the International Statistical Institute held in New Delhi from 5 to 15 December. He presented a paper on causal discriminant analysis. Later he participated in the one-day seminar on statistical problems arising out of the World Fertility Survey. While in New Delhi, Dr. Krishnan presented another paper to the Annual Meetings of the Indian Society of Agricultural Statistics.
- John King-Farlow, Professor of Philosophy,

recently read papers at the Universities of Saskatchewan and Regina. At meetings in Washington, D.C., he was re-elected as a Director of The Philosophers' Information Centre.

VISITORS

- Paul Kitchen, Executive Director of the Canadian Library Association, was a visitor at the Faculty of Library Science on 26 January. He spoke on the topic "The role of library associations as interest groups, with special reference to the Canadian Library Association."
- W.J. Cameron, Dean of the School of Library and Information Science, University of Western Ontario, was guest speaker at a Faculty of Library Science Colloquium on 19 January. His topic was "Education beyond the M.L.S.: What will the future require of us?"

BOOKS

- Thomas Hardy's *Jude the Obscure*, edited by Norman Page, Professor of English, has recently been published by Norton and Company of New York in the Norton Critical Editions Series.
- Joseph M. Kirman, Department of Elementary Education, has announced the publication of a teaching kit, *Primer For Satellite Maps*. The kit, published by Puckrin's Production House, is an introduction to remote sensing with Landsat satellite images and can be used for almost all levels from University downward.

NOTICES

Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary.

Funding Available

The Alma Mater Fund now has money available to assist groups on campus in financing worth-while projects. The Fund is the vehicle through which the alumni annually make financial contributions to the University. Gifts are made with the understanding that they are to be used for projects which give an added dimension to University activities.

In order to be eligible for Alma Mater Fund support, a project should have a strong student and student-community orientation, and not be of a type normally funded from general University operating or research funds. The Alma Mater Fund is not intended to

Nominations to the Senate of The University of Alberta

We welcome nominations from the public for several vacancies on the University Senate. Members are volunteers who serve on Task Forces and Committees ranging from selection of candidates for honorary degrees to subjects concerning the academic community. Senate meets formally four times a year.

"It is the duty of the Senate to inquire into any matter that might tend to enhance the usefulness of the University." There are no formal qualification requirements, but consideration will be given to community service of nominees from central and northern Alberta.

Nominators should provide a brief résumé and statement of their reasons for nominating the candidate. Appointments are for three-year terms beginning July 1, 1978.

We encourage interested people to submit written nominations no later than *February 18, 1978 to:*

The Chairman
Nominating Committee
The Senate
The University of Alberta
Edmonton, Alberta
T6G 2G8

For further information,
telephone 432-2268.

finance salary expenses, and proposed projects should not be designed to advance academic careers of individual students. Grants will not be made for the support of existing publications, and they are normally made to a project only once. Organizers of continuing projects should not expect annual support from the Fund.

The last date for application is 20 February 1978. The applications should include a description of the project, background information on the group making application, and a proposed project budget. Applications should be submitted to Theresa Papirnik, Secretary, Alma Mater Fund Allocations Committee, 422 Athabasca Hall. For further information telephone 432-4256.

Diagnosing Writing Problems

Kay L. Stewart and Marian E. Freeman, sessional lecturers in the Department of English, have received an Innovative Projects Fund grant of \$29,550 from Alberta Advanced Education and Manpower. Their project, co-sponsored by the faculties of Arts and Education, is designed to provide instructors with little or no experience in the teaching of writing with the means of diagnosing their students' writing problems and guiding their students through self-instructional materials on essay structure and style.

First versions of these materials, developed over the summer and fall with the aid of a \$1,500 grant from the Alma Mater Fund, are now being tested in selected English classes. At the end of the Winter Term, they will be revised in accordance with recommendations made by the instructors using them; by the curriculum consultants for the project, R.G. Martin and Glen Kirkland of the Department of Secondary Education; and by the project evaluator, Verner Nyberg of the Department of Educational Psychology.

In the Fall Term of 1978, these revised materials will be tested in selected first-year courses outside the English Department. Instructors interested in participating in this testing are invited to phone Dr. Stewart at 432-2437 or Mrs. Freeman at 432-3964 for further details.

Science Dining Club

The Science Dining Club will meet at 6 p.m. on Thursday, 23 February. Professor I.A. Campbell of the Department of Geography will speak on "The Red Deer Badlands." Dinner will follow in the Saskatchewan Room of the Faculty Club. Reservations should be made by 21 February by contacting Mrs. Grant, Faculty of Science, telephone 432-4757.

NASA Dance

The Non-Academic Staff Association is sponsoring a dance on 25 February in the Lister Hall Cafeteria. From 9 p.m. to 1 a.m. there will be dancing and refreshments. A buffet will also be served. The band is the "Sound Investment." Tickets are \$15 per couple or \$8 per person, and they are available only in advance from NASA representatives. Everyone is welcome. For tickets or further information contact M.J. Egilsson, telephone 432-4265.

NASA Mixed Bonspiel

The NASA Mixed Bonspiel will be held 25 and 26 February at the Students' Union Building curling rink. The entry fee for the Bonspiel is \$40. To enter contact Lana Southern, telephone 432-3762.

Study Tour of China

A few vacancies have occurred in a study tour of China sponsored by the Canada-China Friendship Society of Edmonton. The tour is authorized by the China International Travel Service which will supply interpreters and make all arrangements within China. The tour takes place from 5 to 25 April and will visit Shanghai, Shenyang, Fushun, Talien, and Peking. The study tour is organized on a non-profit basis, and the estimated cost per person is up to \$2,500. For further information contact A.K. Davis, telephone 432-4524 or 462-2297. Visa applications must be sent to Ottawa within the next few days.

Young Professionals Program

The World Bank will soon be recruiting postgraduate students of Canadian nationality or landed immigrant status for its Young Professionals Program. Faculty members are asked to recommend interested students who are of high quality and who may be suitable for bank work. The next two dates for selection of candidates for the Program will be in April and October. For further information and application forms contact Terry Krissie, Office of Student Affairs, 225 Athabasca Hall, telephone 432-5396.

Central and East European Studies Conference

The Central and East European Studies Association of Canada and the Central and East European Studies Society of Alberta, in conjunction with the Universities of Alberta and Calgary, will hold their annual Banff Conference on Central and East European Studies from 2 to 5 March in the Banff Springs Hotel. The purposes of the Conference are the development of community-academic interaction and the improvement of educational resources in the social studies programs of our schools.

Metro Gulutsan, Director of the Division of

Invitation to apply

Emil Skarin Memorial Fund

Applications are invited to the Emil Skarin Memorial Fund Committee of the University Senate for a 1978 project or projects worthy of financial support amounting to \$5,000 from the Fund.

Projects must be of some value to the public as well as to the University of Alberta, be consistent with the general aims and purposes of this University, and not normally be funded by it. Preference will be given to projects with an emphasis on the humanities and the arts, but there are no restrictions on the nature of eligible projects.

Project proposals should include objectives, schedule, budget, procedures for organization and evaluation. Application forms are available on request, and fully completed applications should be sent before April 1, 1978 to:

Chairman,
Emil Skarin Memorial Fund Committee
The Senate
University of Alberta
Edmonton, Alberta
T6G 2G8

East European Studies, University of Alberta, will be the Chairman of the Conference, and he will be assisted by Mrs. Mary Lobay as co-Chairperson. Program-Chairman Maurice Williams, Okanagan College, will be responsible for the academic program; Nick Spillios of Edmonton will be responsible for the ethnocultural sessions, and Tom Priestly, Chairman, Slavic Languages Department, University of Alberta, will organize the sessions on language loyalties.

All interested persons are cordially invited to attend. The registration fee is \$30. Details, registration forms, and hotel accommodation reservation forms are available by contacting the CEESA Office, telephone 432-2348.

Dental Hygiene Clinic

The School of Dental Hygiene is accepting adults and children for oral prophylaxis (teeth cleaning). There will be a nominal fee. For appointments please telephone 432-4151.

Sample Survey Seminar

The Population Research Laboratory of the Department of Sociology is organizing a one-day research seminar on the topic "Sample Surveys." The seminar is designed for people involved in survey research to improve their understanding of the whole sample survey process. There will be four major sessions: Problem Solving, Sampling, Questionnaire Design, and Analysis. The seminar is scheduled for 7 March from 8:30 a.m. to 4:30 p.m. The cost of the seminar, including lunch, is \$35 per person. For further information contact Ilze Hobin, telephone 432-4569.

Visitor Parking

Staff members are reminded that advance parking arrangements should be made with Parking Services for persons invited to the University as guest speakers or for other purposes related to departmental functions. This cooperation is necessary so that such persons may park their vehicles on the campus in accordance with the Traffic and Parking Regulations of the University.

Occupational Health, Safety, Fire, and Emergency Measures Committee

The Occupational Health, Safety, Fire, and Emergency Measures Committee was originally established in 1973 with the responsibility of developing a University safety policy. As a result of the provincial government's passage of the new Occupational Health and Safety Act in 1976, it was determined that the function of the University Safety Committee should be re-examined. As a result of discussion between the Administration, NASA, and other interested parties, it was acknowledged that the

Committee should be restructured to include a broader based representation and new terms of reference. The role and function of the Committee will be to:

- a) Advise the President or his designee on the policy with respect to emergency measures, fire, safety, and health matters.
- b) Be available to receive and review policy and administrative recommendations on fire, safety, health, and emergency measures.
- c) To carry out policy and administrative reviews or investigations the President or his designee may request.
- d) Safety, health, fire, and emergency matters shall be the responsibility of the Vice-President, Finance and Administration, reporting through the Director of Personnel Services and Staff Relations.

The members of the Occupational Health, Safety, Fire, and Emergency Measures Committee include the following: G. Unger, AASUA; D. Tomlinson, NASA (Chairman); G. Walker, NASA; J.B. Caunt, Personnel Services and Staff Relations; M. Gauthier, Graduate Students' Association; D. Somerville, Students' Union; G. Bulat, Physical Plant; W.E. Randall, Faculty of Science; W.H. Fearon, Faculty of Medicine; S. Hunt, Radiation Control Committee; M. Doerksen, University Safety Officer; S. Smith, University Fire Marshall; and W. Kinsey, University Safety Training Officer.

Utilities Corridor Construction

From 15 February until 15 April, construction of utilities corridor phases will take place in the area of St. Stephen's College. One portion of the corridor will be built along the front of the College, making parking on the secondary road between the College and 112 Street temporarily unavailable. A second phase of the utilities corridor will be built between St. Stephen's College Library and the Home Economics Building; for this two-month construction period the parking entrance from 112 Street will be out of use.

Credit Union Vacancies

Nominations are being accepted for five vacancies available for Directorships on the Board of Directors with the University of Alberta Employees Savings and Credit Union. Nominations will close on 28 February, and anyone interested in the position should contact A.J. Logan, telephone 432-4781.

The Credit Union is also looking for volunteers who would be willing to serve on the Supervisory Committee. Volunteers would be required to make quarterly examinations of the financial affairs of the Credit Union, and audit the books at year's end. Those people interested in serving on the Supervisory Committee should contact Walter Cherniki, telephone 452-5631.

Freshman Orientation Seminars Office

The Freshman Orientation Seminars office has been moved to 278 Students' Union Building. All queries and communications should be directed to the new location. The telephone number, 432-5319, remains the same.

Recall Notices on Library Material

Under certain circumstances urgent recall notices may be mailed to borrowers before the library material is due to be returned. It is important for the person requiring this material that it be returned on or before the new due date. Effective 3 January 1978, borrowing privileges will be suspended immediately when recalled material is overdue. This sanction will be applied to staff and students who enjoy borrowing privileges.

Posters and Signs

A number of regulations apply to the display of posters and signs on campus. All interior displays should be placed on the notice boards in the major campus buildings, and posters and signs should never be placed on painted surfaces, plastered walls, woodwork or blackboards. However, when a greater distribution of posters is desired for a special event, masking tape may be used to fasten the posters to surfaces other than the notice boards. In such cases the use of anything but masking tape (glue, tacks, nails, etc.) is prohibited. Signs or posters may be affixed to glass doors provided that vision is not obstructed in a way that creates a safety hazard. For further information about the interior display of signs and posters contact Werner Larsen, Building Services Manager, telephone 432-5224.

For exterior displays of signs and posters only limited notice board space is available. Affixing such displays to grounds' furnishings, light-posts, or trees is not permitted. However, portable notice boards are available for special events. Further information about the use and cost of portable notice boards, and information about exterior displays in general is available from Guy Jutte, Grounds Manager, telephone 432-4724.

Only a moderate number of signs or posters may be placed in any one location and the dimensions of any display should be limited to about 460 mm by 600 mm. Individuals or organizations are responsible for the prompt removal of their signs or posters after the event to which the display makes reference. Any large, unusual, or special display should be discussed in advance with Russ Motyka, Building Maintenance Manager, telephone 432-4833.

The maintenance staff have instructions to remove any display that is not posted in accordance with regulations. Damage resulting from improper posting of signs and posters may be charged to the individuals or organization responsible.

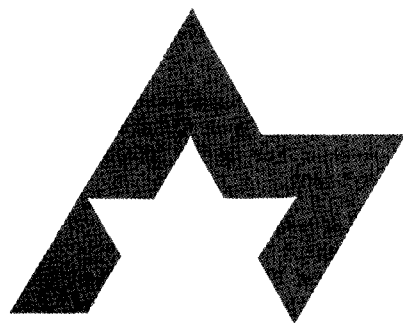
Dial-A-Dietitian

Dial-a-Dietitian is a public service carried out by the Alberta Registered Dietitians Association. The service allows persons to call 454-2649, an answering service, and ask questions about nutrition, planning adequate meals, purchasing, storing, or handling of food, food labelling and additives, preparing and cooking convenience foods, and similar topics. Within forty-eight hours a volunteer registered dietitian will call back with the researched answer to the question. For those people who live in other parts of Alberta, written responses will be sent in reply to telephone inquiries.

The purpose of Dial-a-Dietitian is to provide the public with an authoritative source of nutrition information. The service is free of charge. Dial-a-Dietitian operates from 9 a.m. to 5 p.m. Monday through Friday, holidays excepted.

Transcendental Meditation Lectures

Introductory lectures on the technique of Transcendental Meditation are held at the University on a regular basis. The lectures take place every Thursday and Friday at 12 noon in 104 Students' Union Building and every Tuesday evening at 8 p.m. in the Graduate Student Lounge in Henry Marshall Tory Building.



METRIC NOTES

The Celsius scale, originally devised by Anders Celsius, a Swedish astronomer who lived from 1701 to 1744, was determined by placing the freezing point of water at 0° Celsius and the boiling point at 100° Celsius. The scale, of course, extends below 0°C to Absolute Zero on the Kelvin scale, -273.15°C. Although a comfortable room temperature for most people is 20°C, some people, perhaps less conscious of the need to inhibit rising energy costs, prefer to maintain room temperature at 22°C.

According to the *Metric Style Guide* (Toronto, 1975) the body temperature of song birds is approximately 50°C, the coldest temperature ever recorded in

Antarctica was -88°C, and the hottest was in Libya at 58°C.

Not all countries in the world plan to adopt SI; the exceptions at present are the Republics of the North and South Yemen and Liberia.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. Thursday one week prior to publication. Written notification is preferred.

9 FEBRUARY, THURSDAY

Humanities Film Society

7 p.m. *Pride and Prejudice* (United States, 1940). Directed by Robert Z. Leonard and starring Laurence Olivier and Greer Garson. TL-11 Tory Building. Admission is \$1.

National Film Theatre

7 p.m. and 9 p.m. *The Hound of the Baskervilles* (1939). Directed by Sidney Lanfield. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Cinematheque 16

7:30 p.m. *The Man Who Fell To Earth* (United States, 1976). Directed by Nicolas Roeg and starring David Bowie and Rip Torn. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members.

Dance Motif 78

8:30 p.m. "Dance Motif 78" by the Orchesis Creative Dance Group. Students' Union Theatre. Admission is \$3 regular and \$2 for students. Tickets available at the HUB Box Office and at the door.

10 FEBRUARY, FRIDAY

NASA House

4:30 p.m. "Happy Hours" at the NASA House. Cash bar, light snacks, and dancing. For members of the non-academic staff and their guests.

Faculty Club

Downstairs. British Columbia night: baked salmon with egg sauce, vegetable, scalloped potatoes, salad bar, peach cobbler, \$5.50. *Upstairs.* Chef's special: Scotch broth, Russian salad, scallops mornay, broccoli, rice, linzertorte, \$7.95. Also regular dinner menu. Reservations required. Entertainment: Midget.

Basketball

6:45 p.m. and 8:30 p.m. Alberta versus Lethbridge. (Pandas at 6:45 p.m. and Bears at 8:30 p.m.) Main Gym. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

National Film Theatre

7 p.m. and 9:30 p.m. *Lost Horizon* (1937).

Directed by Frank Capra. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Observatory Tours

7:30 p.m. Observatory tours and observation of the night sky (weather permitting). Physics Building. Admission is free but reservations are required. For further information and reservations, telephone 432-4201.

Cinematheque 16

7:30 p.m. *Day For Night* (France/Italy, 1973). Directed by François Truffaut and starring Jacqueline Bisset and Jean-Pierre Aumont. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members.

A Midsummer Night's Dream

8 p.m. The Department of Music presents *A Midsummer Night's Dream*, an opera by Benjamin Britten. Convocation Hall. Admission is \$3.50 regular and \$2.50 for students. Tickets available at the Department of Music, 382 Fine Arts Centre.

Edmonton Symphony Orchestra

8:30 p.m. The Edmonton Symphony Orchestra performs with Aldo Ciccolini, pianist. Jubilee Auditorium. For ticket information contact the Symphony Box Office, telephone 433-2020.

Dance Motif 78

8:30 p.m. "Dance Motif 78" by the Orchesis Creative Dance Group. Students' Union Theatre. Admission is \$3 regular and \$2 for students. Tickets available at the HUB Box Office and at the door.

11 FEBRUARY, SATURDAY

Faculty Club

Downstairs. Buffet: baked lasagne, parmesan cheese, Italian bread, salad bar, dessert table, \$5.50.

Upstairs. Regular dinner menu. Reservations required.

Basketball

6:45 p.m. and 8:30 p.m. Alberta versus Lethbridge. (Pandas at 6:45 p.m. and Bears at 8:30 p.m.) Main Gym. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Student Cinema

7 p.m. and 9:30 p.m. *Outrageous* (Canada, 1977). Directed by Richard Brenner and starring Craig Russell and Hallis McLaren. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

A Midsummer Night's Dream

8 p.m. The Department of Music presents *A Midsummer Night's Dream*, an opera by Benjamin Britten. Convocation Hall. Admission is \$3.50 regular and \$2.50 for students. Tickets available at the Department of Music, 382 Fine Arts Centre.

Edmonton Symphony Orchestra

8:30 p.m. The Edmonton Symphony Orchestra performs with Aldo Ciccolini, pianist. Jubilee Auditorium. For ticket information contact the Symphony Box Office, telephone 433-2020.

12 FEBRUARY, SUNDAY

Student Cinema

7 p.m. and 9:30 p.m. *Outrageous* (Canada, 1977). Directed by Richard Brenner and starring Craig Russell and Hallis McLaren. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

Citadel/National Film Theatre

7 p.m. *A Man and a Woman* (1966). Directed by Claude Lelouch. Zeidler Hall, Citadel Theatre. For ticket information telephone 425-1820.

Edmonton Youth Orchestra

8 p.m. The Edmonton Youth Orchestra in concert. Convocation Hall. Admission is \$2 for adults and \$1 for students. Tickets available at the door.

13 FEBRUARY, MONDAY

One Way Agape

7 p.m. *The Hiding Place*, a film sponsored by One Way Agapé. Students' Union Theatre. Admission is \$2.50 regular and \$1.50 for students.

Lecture-Recital

8:30 p.m. A lecture-recital on Schubert's *Winterreise*. Featuring Harold Wiens, baritone, and Alexandra Munn, pianist. Convocation Hall. Admission is free.

14 FEBRUARY, TUESDAY

National Film Theatre

8 p.m. *Deutschland Erwache /Germany Awake* (Germany, 1968). A film by Erwin Leiser, documentarist. Centennial Library Theatre. Admission is free.

Lecture-Recital

8:30 p.m. A lecture-recital on Schubert's *Winterreise*. Featuring Harold Wiens, baritone and Alexandra Munn, pianist. Convocation Hall. Admission is free.

15 FEBRUARY, WEDNESDAY

Citadel/National Film Theatre

7 p.m. and 9 p.m. *Elvis On Tour* (1972). Directed by Pierre Adige. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

National Film Theatre

8 p.m. *Hans Richter, Women From California*, and *Women from Kenya*, three

documentaries by Erwin Leiser. Centennial Library Theatre. Admission is free.

Edmonton Chamber Music Society

8:30 p.m. The Beaux Arts Trio performs Beethoven, Ravel, Brahms. Students' Union Theatre. Admission by season ticket only.

16 FEBRUARY, THURSDAY

Swimming and Diving

6:30 p.m. Canadian Western Universities Athletic Association Championships. West Pool. Admission is free.

Citadel/National Film Theatre

7 p.m. and 9 p.m. *The Odd Couple* (1968). Directed by Gene Saks. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Student Cinema

7 p.m. *Adventures of Goopy and Bagha* (India, 1969) and *Two Daughters* (India, 1961). Directed by Satyajit Ray. Students' Union Theatre. Admission is \$2 advance and \$2.50 at the door. Tickets available at the HUB Box Office.

Cinematheque 16

7:30 p.m. *The Rocky Horror Picture Show* (Great Britain, 1975). Directed by Jim Sharman and starring Tim Curry and Susan Sarandon. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members.

German Film

7:30 p.m. *Der Hauptmann von Köpenick*. 17 Arts Building. Admission is free.

Grad House

Thursday Night at the Grad House. Open 8 p.m. to 12 midnight. Refreshments available.

17 FEBRUARY, FRIDAY

Alberta Stage Band Festival

The Alberta Stage Band Festival will take place during the afternoon and evening at the Students' Union Theatre. Admission is \$3 regular and \$1 for students. For further information, contact the Students' Union Information Desk, telephone 432-4271.

NASA House

4:30 p.m. "Happy Hours" at the NASA House. Cash bar, light snacks, and dancing. For members of the non-academic staff and their guests.

Grad House

Friday Night at the Grad House. Open 4 p.m. to 6 p.m. and 8:30 p.m. to midnight. Refreshments available.

Faculty Club

Downstairs. Buffet: prime rib of beef,

baked ham, fresh vegetable, potato, salad bar, dessert, \$5.50.

Upstairs. Chef's special: cream of cucumber soup, romaine salad, steak dienne, fresh almond beans, potato pancakes, fresh fruit salad with kirsch, \$7.95. Also lobster soufflé, \$15, and regular dinner menu. Reservations required.

Swimming and Diving

6:30 p.m. Canadian Western Universities Athletic Association Championships. West Pool. Admission is free.

Citadel/National Film Theatre

7 p.m. and 9 p.m. *Oliver Twist* (1948). Directed by David Lean. Zeidler Hall, Citadel Theatre. For ticket information, telephone 425-1820.

Volleyball

7 p.m. Canadian Western Universities Association Tournament. Main Gym. Admission is free.

Cinematheque 16

7:30 p.m. *Love and Anarchy* (Italy, 1974). Directed by Lina Wertmüller and starring Giancarlo Giannini and Mariangela Melato. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members.

Observatory Tours

7:30 p.m. Observatory tours and observation of the night sky (weather permitting). Physics Building. Admission is free, but reservations are required. For further information and reservations, telephone 432-4201.

Edmonton Recorder Society

8 p.m. An evening of Renaissance and Modern Music. South West Cultural Centre, 11507 74 Avenue. For further information, telephone 467-1402.

Satire, Spirits, and Song

8:30 p.m. A benefit by the Women's Committee of the Edmonton Symphony Society featuring the National Press and Allied Workers Jazz Band Inc. Alberta Room, Chateau Lacombe. Admission is \$10. Tickets available at Woodward's and the Symphony Box Office.

18 FEBRUARY, SATURDAY

Alberta Stage Band Festival

The Alberta Stage Band Festival will take place during the day and evening at the Students' Union Theatre. Admission is \$3 regular and \$1 for students. For further information contact the Students' Union Information Desk, telephone 432-4271.

Volleyball

10 a.m. Canadian Western Universities Athletic Association Tournament. Main Gym. Admission is free.

Faculty Club

Downstairs. Buffet: curried pineapple chicken, rice, vegetable, salad bar, dessert table, \$5.50.

Upstairs. Lobster soufflé, \$15. Also regular dinner menu. Reservation required.

Entertainment: One Night Stand.

Swimming and Diving

6:30 p.m. Canadian Western Universities Athletic Association Championships. West Pool. Admission is free.

Sooth-Side Folk Club

8:30 p.m. The Sooth-Side Folk Club concert with Barry and Lynn Luft and the Wee Malkies. The Orange Hall, South Side, 104 Street and 84 Avenue. Admission is \$2.50 for members and \$3 for non-members. For further information, telephone 432-5784.

EXHIBITIONS AND PLAYS

University Art Gallery and Museum

Continuing. "Bates, Snow, and Daglish," a collection of monoprints, woodblocks, and lithographs from the University of Calgary. *To 10 February.* "Herman Hesse, 1877-1977," an exhibition of photographs of the life, works, relatives, and friends of Herman Hesse.

Centennial Library

Continuing. An exhibition of the photographs by Greg Pyne. Photography Gallery. *Continuing.* "Mainly Drawings and Surfacing," an exhibition of line drawings by Olya Lisowy. Foyer Gallery.

The Inside Gallery

Continuing. "Woman and Man," an exhibition of photographs by Diana S. Palting. The Inside Gallery at the Hot Box, 11639A Jasper Avenue.

Students' Union Art Gallery

Continuing. An exhibition of sculpture by a local artist, Garry Jablonski Jones.

Graphica

Continuing. "Calgary Images," an exhibition of work by John K. Esler, Norboru Sawai, and Bill Laing.

Edmonton Art Gallery

Continuing. An exhibition of paintings by contemporary Canadian artists from the permanent collection.

Continuing. "Dorothy Knowles: Recent Drawings," an exhibition of landscape drawings by Dorothy Knowles.

Continuing. "Landscape Photographs," an exhibition of photographs by William Tilland.

Queen Elizabeth Planetarium

Continuing. "The Ice Age Cometh," a show that looks at disrupted weather patterns and attempts to discover what is wrong with our weather. Show times are 8 p.m. Tuesday through Friday and 3 p.m. and

8 p.m. on weekends. For further information, telephone 455-0119.

Provincial Museum

To 12 February. "Indian Basketry of Western North America," an exhibition of one hundred baskets from twenty-six tribal areas.

To 12 February. "Magic," an exhibit examining magic through the ages.

Stage 78

From 9 February. Gordon Pengilly's *Songs For Believers*. Directed by Frank Bueckert and designed by David Lovett. Corbett Hall. For ticket information and show times contact the Studio Theatre, Fine Arts Centre, telephone 432-2495.

Citadel Theatre

Continuing. *Twelfth Night* by William Shakespeare. Directed by Robert Armstrong and featuring Leslie Yeo, Lynn Griffin, and John Neville. Shoctor Theatre.

Continuing. *The Stronger* by August Strindberg and *Solange* by Jean Barbeau. Lunchtime Theatre, Zeidler Hall. For ticket information and show times contact the Citadel Box Office, telephone 425-1820.

Theatre 3

From 16 February. Jack Heifner's *Vanities*. Theatre 3. For ticket information and show times contact the Theatre 3 Box Office, telephone 426-6870.

Northern Light Theatre

From 16 February. *Clarence Darrow*, a one-man show featuring Wally McSween. Edmonton Art Gallery. For ticket information and show times contact the Northern Light Box Office, telephone 429-3110.

LECTURES AND SEMINARS

9 February, Thursday**Information Seminar**

4 p.m. Third of a series of talks sponsored by Interdisciplinary Studies. This week's speaker is M.R. Lupul, Canadian Institute of Ukrainian Studies. 14-6 Tory Building.

Panel Debate

4 p.m. "The current situation in Poland." Panelists: Boleslaw Ignasiak, Research Council of Alberta; Leszek Kosinski, Department of Geography; Alexander J. Matejko, Department of Sociology, and Ivan Rudnitsky, Department of History. 311 Athabasca Hall.

Entomology Seminar

4:30 p.m. "Resource partitioning in a community of trap nesting aculeates," with speaker R. Longair. 62 Athabasca Hall Annex.

Chinese Graduates' Association Lecture

7:30 p.m. "Minority nationalities in south-western China," with speaker P.C. Hsieh, University of Saskatchewan. TL-11 Tory Building.

10 February, Friday**Guest Lecture**

2:30 p.m. "Myths of Canadian urbanization: population distribution and regional balance under conditions of economic uncertainty and population decline," with speaker Larry Bourne, Director of the Centre for Urban and Community Studies, University of Toronto. 3-36 Tory Building.

Theoretical Psychology Seminar

7 p.m. "Ways and means of multidisciplinary studies," with speaker H. Wold, Swedish Academy of Sciences. P319N Biological Sciences Building.

13 February, Monday**International Development Seminar**

12 noon. "Problems and solutions in international development," with speaker William M. Harding, retired director, Program Policy Division, U.N. Development Program. 142 Students' Union Building.

Theoretical Psychology Seminar

2 p.m. "Dimensions of human processing: operative vs. figurative, symbolic vs. signalic, logological vs. mereological," with speaker Juan Pascual-Leone, Department of Psychology, York University. 14-6 Tory Building.

14 February, Tuesday**East European Studies Seminar**

3:30 p.m. "The muse in prison: Ukrainian authors in the Soviet concentration camps of the 1970s," with speaker Y. Slavutych. 311 Athabasca Hall.

Physics Colloquium

3:30 p.m. "Electronic instrumentation for very large-scale, high-energy particle detectors," with speaker R.S. Larson, Stanford Linear Accelerator Centre. V-120 Physics Building.

Home Economics Seminar

12:30 p.m. "Home Economics in Canada: a changing perspective," with speaker Betty Crown. B-16 Home Economics Building.

15 February, Wednesday**Public Lecture**

12:15 p.m. "Canadian aid to the Third World," with speaker Karol Krotki, Department of Sociology. Music Room, Centennial Library.

Botany Seminar

4:30 p.m. "Paleobotany—the last thirty years," with speaker W.N. Stewart. M-149 Biological Sciences Building.

16 February, Thursday**Information Seminar**

4 p.m. Fourth of a series of talks sponsored by Interdisciplinary Studies. This week's speaker is P.N.D. Seymour, Devonian Botanic Garden. 14-6 Tory Building.

Folio accepts display advertising

Size and rates: the basic unit size is 45 agate lines x 15 picas (3¼" x 2½"). The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages cost \$100. A professional/business card unit (2½" x 1½") is available at a cost of \$12. Discounts are offered for extended runs, please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is necessary; there is a charge of 15c per word for typesetting, and \$5 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 4 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

For more information please telephone 432-4991 and ask about *Folio* display advertising. Or write to:

Folio Display Advertising
University Publications Office
434-Athabasca Hall
The University of Alberta
Edmonton, Alberta T6G 2E8

17 February, Friday

Biochemistry Seminar

11 a.m. "The fate of Adenovirus DNA in abortively infected mouse cells," with speaker Ban Younghusband, Australian National University. 470 Medical Sciences Building.

Public Lecture

1 p.m. "Reorganization of teacher education in England," with speaker Lillian Hollamby, Alnwick College of Education. 2-115 Education North.

Public Lecture

6:30 p.m. "The economy of present day Poland," with speaker Joset Wilczynski, University of New South Wales (the lecture will be given in Polish). 311 Athabasca Hall.

NON-CREDIT COURSES

PATENTS: AN OVERVIEW

This one-day seminar, sponsored by the Edmonton chapter of CASLIS, will take place on 17 February from 9 a.m. to 4 p.m. in 117 Cromdale Campus of Grant MacEwan Community College, 8020 118 Avenue. The morning program will focus on patents, while the afternoon program will concentrate more on library-related concerns. There will be an informal demonstration and a videotape from Barker Engineering Library at MIT, which will demonstrate the ways of accessing patents. The program will also include speakers from the Copyright, Inventions, and Patents Association of Calgary as well as speakers from the Canadian Patent Office. Edmonton patent attorney Peter E. Johnson will also participate in the program.

Registration will take place from 8:30 a.m. to 9 a.m. The fee for the seminar is \$25, which includes a buffet lunch and coffee; there is a student fee of \$5. For further information telephone Sheila Bertram at 432-5315.

The courses listed below are offered under the auspices of the Faculty of Extension. Registrations may be made and information concerning the instructors and contents of the courses may be acquired at 228 Corbett Hall or by telephoning the number at the end of each listing.

EVALUATING SOCIAL PROGRAMS

A seminar on evaluating social or public programs will be held on 21 and 22 February. The seminar will teach participants to understand the role of evaluation in formulating better programs, in managing present programs, and in understanding the methodologies which are available. The seminar should be of interest to administrators and managers of economic and social programs who are faced with the task of

evaluating programs directly or indirectly with outside consultants. *Fee:* \$95. *Telephone* 432-5532.

CONVICTIONS, CHALLENGES, AND COMPROMISES: WOMEN IN MANAGEMENT

An afternoon course for women in the basic concepts of management theory is being offered beginning 1 March. Topics to be covered include an overview of the nature of management, an introduction to fundamental management theories and techniques, an analysis of the unique position of the woman manager, and a discussion of how to apply sound management practices to attain personal and organizational objectives. *Fee:* \$60. *Telephone:* 432-5066 or 432-5067.

SURPLUS EQUIPMENT LISTING

The equipment listed below has been declared surplus. If your department is interested in any of this surplus equipment, please get in touch with the declaring department and arrange a satisfactory price. Once you have arrived at a price, make up a purchase requisition showing the account to be charged, and forward the requisition to the Purchasing Department.

All departments are encouraged to dispose of surplus equipment. This disposal is accomplished by completing a surplus equipment declaration form and forwarding it to the Purchasing Department. Proceeds from such disposals are normally credited to the accounts from which the equipment was originally purchased; however, this is not always the case. For further information and details on the disposal of surplus equipment, telephone Bonnie O'Dwyer or Roy Bennett at 432-3208.

Five Grs. fifty oz. rectangular plastic bottles. The bottles take fifty-three millimetre caps.
Twenty-nine Coplin staining jars with plastic cover.
Twenty-four four oz. Alcohol Burners.
For further information contact D. Mahood, Department of Zoology, telephone 432-3623.

RESEARCH GRANTS

Granting Agencies: Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. In order to allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be much longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-5360. Note: Although the Calendar is updated on a continuous basis, the following

information could be subject to change without notice. If staff members have advance information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. Code: (R) Research funds; (E) Exchange programs; (T) Travel grants.

| Calendar source number | Code | Granting agency | Deadline date |
|------------------------|------|--|--------------------------------|
| (40) | R | Banting Research Foundation | 1 Mar. |
| (61) | R | Canada Council—Explorations | 1 Mar. 1 June 1 Dec. |
| (80) | R | Canadian Diabetic Association | 15 Mar. |
| (100) | T | Association of Universities and Colleges of Canada—Commonwealth University Interchange Scheme—Category C | 15 Sept. |
| | | Categories A & B | 31 Mar. 15 Dec. |
| (156) | R | Department of National Health and Welfare—Research on Drug Abuse | 1 Mar. 1 Oct. |
| (163) | R | Distilled Spirits Council of the United States, Inc. | March June Sept. Dec. |
| (420) | R | United States Department of Health, Education and Welfare | |
| | | New and Supplemental | 1 Mar. 1 July 1 Nov. |
| | | Renewals | 1 Feb. 1 June 1 Oct. |

SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

A special area in 252 Athabasca Hall has been set aside as an information centre on graduate scholarship competitions for study in Canada and abroad. Students may use this reference section during normal office hours.

Portuguese Government Scholarships

Donor: Government of Portugal. Where tenable: Portugal. Level of study: Graduate. Field of study: Two scholarships for specialization in any field, and one for research in the arts or Portuguese culture. Value: 6,000 Escudos per month. Number: 3. Duration: Three to six months or six to ten months. Conditions: Candidates must be Canadian citizens who have at least the equivalent of a first Canadian degree. Closing date: 28 February. Further information and application forms should be requested from: Director, International Programs, AUCC, 151 Slater Street, Ottawa, Ontario, K1P 5N1.

St. Catherine's College Scholarship

Donor: University of Oxford. Where tenable: University of Oxford. Level of study: Graduate. Field of study: Sciences and arts. Value: £1,750 plus approved university and college fees. Some assistance with travel expenses may be given. Number: One. Duration: One year with the possibility of renewal. Conditions: The award is open to those who took their first degree in the United States, Canada, Australia, New Zealand, and United Kingdom universities other than Oxford. Closing date: 1 March. Further information and application forms should be requested from: Senior Tutor, St. Catherine's College, Oxford.

AOSTRA Predoctoral Scholarships

Donor: Alberta Oil Sands Technology and Research Authority. Where tenable: University of Alberta and University of Calgary. Level of study: Graduate. Field of study: Areas related to the development of the oil sands. Value: \$6,500 annually plus a small research allowance. Number: Variable. Duration: Up to two years. Conditions: Candidates must be registered in or admissible to graduate programs at the University of Alberta or the University of Calgary. Closing date: 1 March. Further information and application forms should be requested from: Student Awards Office, 252 Athabasca Hall, University of Alberta.

Taylor Statten Memorial Fellowship

Donor: Taylor Statten Memorial Fund. Where tenable: Open. Level of study: Graduate. Field of study: Any field related to youth services. Number and duration: Unspecified. Conditions: Candidate must be under twenty-five years of age and a graduate of a Canadian university. Closing date: 1 March. Further information and application forms should be requested from: The Office of Student Awards, Room 107, Simcoe Hall, University of Toronto, Toronto, Ontario, M5S 1A1.

Wildlife Biology Scholarships

Donor: Canadian Wildlife Service. Where tenable: Canadian universities. Level of study: Graduate. Field of study: Wildlife biology (excluding fishery resources). Value: \$2,500. Number: Variable. Duration: Unspecified. Conditions: Candidates must be Canadian citizens who are enrolled in graduate studies in wildlife biology at a Canadian university. Closing date: 1 March. Further information and application forms should be requested from: Student Awards Office, 252 Athabasca Hall, University of Alberta.

Canadian Studies Fellowship

In United Kingdom

Donor: AUCC. Where tenable: University of Sussex. Level of study: Post-doctoral. Field of study: Canadian studies. Value: Monthly stipend related to the candidate's salary or to the amount of sabbatical payments, and return economy air fare. Number: One. Duration: Late September to mid-December 1978, or April to June 1979. Conditions: Candidates should be Canadian citizens and specialists in Canadian studies at the associate professor rank. Closing date: 15 February 1978. Further information and application forms should be requested from: Gail Larose, International Programs Officer (policy), Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario, K1P 5N1.

POSITIONS VACANT

NON-ACADEMIC POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 3 February.

Staff Association stenographer

The Non-Academic Staff Association requires a clerk-steno. The position would be half-time (17½ hours per week) and good typing and shorthand are required. Computer experience would be an asset, and additional computer courses will be paid for by the association. The salary range is from \$366 to \$439 per month. Résumé should be sent to George Walker, Non-Academic Staff Association, 352 Athabasca Hall.

Clerk Typist II (\$644-\$751)—Botany; Housing and Food Services; Political Science
Public Relations Clerk I (\$644-\$779)—Public Relations
Clerk Steno II (\$644-\$779)—Faculty of Extension (two positions); Institutional Research and Planning; Faculty of Dentistry (two positions)
Office Services File Clerk (\$644-\$779)—Office of the Registrar
Switchboard Operator (\$696-\$843)—Administrative Services
Clerk Typist III (\$696-\$843)—Economics
Clerk Steno III (\$721-\$877)—Faculty of Home Economics; Athletic Services; Secretariat; Psychiatry; Mineral Engineering; Drama; Faculty of Law
Programmable Typewriter Operator (\$751-\$914)—Personnel Services and Staff Relations
Secretary (\$500 per month, part-time, term)—Faculty of Arts
Secretary (\$811-\$944)—Botany; Biochemistry; Faculty of Dentistry
Departmental Secretary (\$914-\$1,125, term)—Educational Research Services
Programmer/Analyst II/III (\$563-\$830, half-time, trust)—Theoretical Physics Institute
Laboratory Assistant I/II (\$644-\$811, trust)—Pharmacology
Technician I (\$843-\$1,034, trust)—Mechanical Engineering
Research and Planning Analyst (\$843-\$1,034)—Institutional Research and Planning
Electronics Technician I/II (\$877-\$1,224)—Electrical Engineering
Chemical Technologist I (\$952-\$1,173)—Faculty of Home Economics
Laboratory Technologist I (\$952-\$1,173)—Provincial Laboratory
Biology Technologist I (\$952-\$1,173)—Genetics
Graphics Technician II/III (\$952-\$1,335)—Pharmacology
Programmer/Analyst II (\$1,125-\$1,393)—Faculty of Business Administration and Commerce
Electrician (\$1,455-\$1,814)—Physical Plant
Specialist Technician (\$1,520-\$1,896)—Botany

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information about position requirements and availability.

Library Clerk II (\$644-\$779)—Faculty of Law

ADVERTISEMENTS

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance and are accepted at the discretion of the Editor. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodations available

Luxury two-bedroom condominium in Kihei, Maui; available from 1 April; \$35 per night for four. 478-6077; 475-7762.
For rent—new three-bedroom split-level with kitchen appliances, fireplace, two-car garage, full basement. Near Devon; twenty minutes from University. Two-mile ski trail and skating rink. Immediate occupancy. 487-9676 evenings.
For sale—forty acres east of Ardrossan, only sixteen

miles from city on Uncas road. You must see this property with its large three-bedroom bungalow, 1,466 square feet, living and dining room, family room with open fireplace, large kitchen, full basement, storage and laundry room, plus extra hook-up for mobile home in yard. Listed at only \$120,000. Frank Sobernig 455-4135; 452-2825. Weber Bros.

For sale—Patricia Heights, west end. Music lovers with large family will like this charming two-storey five-bedroom home. Living and dining room, family room with open fireplace and floor-to-ceiling teak bookshelves. Large kitchen, laundry room, half bath on main floor, two bathrooms upstairs; music room downstairs is completely soundproof; extra office—the rest is full and open. Frank Sobernig 455-4135; 452-2825. Weber Bros.

For sale or rent—west end split-level condominium. Three bedrooms, rumpus room, carpeted, stove, fridge, carport. Ben, 489-3634 evenings; 427-7794 days.

For sale—recreational quarter section: 143 acres with creek, buildings, feedlot, dugout, and swimming pond. Only half mile from secondary highway; sixty-five miles from city. \$48,000. Also eleven acres at Legal for only \$39,000. Frank Sobernig, 455-4135; 452-2825.

For sale—charming modern three-bedroom bungalow, two bathrooms, full and open basement. Located in town of Ardrossan. Listed at \$63,000. Frank Sobernig, 455-4135; 452-2825. Weber Bros.

For sale—Make an offer. New split-level in choice south-side location. Immediate possession. R. Richter 488-6930; 455-4135. Weber Bros.

For rent—four-bedroom Mill Creek family home. June 1978 - September 1979. \$500. 433-4687.

For sale—Windsor Park; 1,358-square-foot bungalow; three bedrooms, developed basement, two open fireplaces, double garage, excellent condition. Telephone Reina Proudfoot, Royal Trust, 436-2556; business 435-4869.

For sale—Riverbend; immediate possession. See this immaculate custom-built five-year-old bungalow; two fireplaces, sunken living room, 1½ baths, double front-drive garage. R. Richter. 488-6930; 455-4135 Weber Bros.

Large furnished room. Male graduate student. Private bathroom; adult home. Private telephone available. Across street from campus. 433-7197.

For rent—July - August 1978. Fully furnished spacious three-bedroom home near university (Belgravia). \$450 per month plus damage deposit. References required. Write R.R. Gilsdorf, 16 Woodcliff Drive, Simsbury, Ct. U.S.A. 06070.

For sale by owner—townhouse near end of Whitemud freeway, 170 Street 76 Avenue. 1,008-square-foot end unit; three bedrooms, 1½ baths, professionally finished basement, four new appliances, custom drapes, large fenced private yard. Private driveway. Asking \$53,000. No agents please. 487-6394 after 6 p.m.

For sale—\$98,000. Eighty acres, fully serviced. Two-bedroom home overlooking small lake. Within thirty miles of University, just off highway 14. Telephone 1-662-2742.

For rent—three-bedroom bungalow main floor; stove, fridge, washer, dryer, garage, beautiful fenced yard. Quiet street opposite park, bus at door, near University. Lease available. 432-2110; 436-4953.

For rent—Walk to University. Newly finished one-bedroom basement suite. Available 15 February. 10831 85 Avenue. 435-7735.

For rent—three-bedroom bungalow; finished basement with bedroom and bath; double garage. Available 1 April. \$475. 483-1449.

For rent—four-bedroom furnished house in Windsor Park. Fireplace, family room, piano; three-car garage. Available 1 June. \$600 per month; \$600 damage deposit. 439-7683.

For rent—attractive older three-bedroom house; Mill Creek ravine area, central to campus and downtown. Furnished for younger family. 15 May to 15 December. 439-2691 evenings.

Renting—four-bedroom period house. River valley view, deadend street, study; furnished. September to July. 429-2226.

For rent—two blocks from campus; North Windsor Park. Two-storey, four-bedrooms, three bathrooms, rumpus room, fireplace, attached garage. Completely furnished; large private backyard with elevated patio attached to house. One-year lease as of 1 July 1978. References required. Telephone 439-5336.

Sublet—May - August. One-bedroom apartment, fully furnished. Five minutes from University. 488-2732.

For rent—four-bedroom bi-level. Mill Woods, furnished, backs onto playground, schools. 1 July 1978 to 30 June 1979. \$495. monthly. 462-2393.

Accommodation wanted

Physician wishes to rent home for twelve-eighteen months from March 1978. Telephone Dr. Orford at 435-8075, or write Box 654 University Post Office.

House wanted—Belgravia couple living in apartment will pay up to \$120,000 for two- or three-bedroom bungalow in Belgravia or Windsor Park. Prefer one with fireplace and garage. Please telephone Dorothy Hamilton 439-7371 or 436-8509. Kellough Realty.

A faculty member wishes to purchase (in the spring of 1978) a traditional, four-bedroom, centre-hall-plan home, close to the University. Please write to J. Hardie, 142 Foster Avenue, London, Ontario, or telephone 519-433-2460.

I have a client seriously interested in purchasing a two (or more) bedroom home in the University area. Basement must have existing suite or potential for development. If you are considering selling, please telephone Joanne Fallow, 433-5278 (residence); Distacom 426-5880 page 3923. Spencer Real Estate 436-5250.

Medical resident and wife wish to rent home from 1 August for two years. Good care to furnished or semi-furnished home while owner away. References. 434-9702.

Two responsible working women require two-bedroom home near University for 1 March. Reasonable. 433-2851 or 439-6287 after 5 p.m.

Automobiles and accessories

For sale—1967 Rambler Ambassador station wagon; power steering, brakes, 70,000 miles, good condition. \$550. 1966 Ford half ton. Offers. Telephone 432-1781.

Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Imagine owning some Medieval imagery. Selling elegantly framed brass rubbings from England. Shown by appointment. 434-9784.

Expert thesis typing. Linda, 436-7647.

Gerlinger's fireplace wood: birch, poplar, or mixed. 426-5410.

Expert typing—theses, etc. Telephone 455-0641.

Dressmaking, alterations. Telephone Elizabeth 428-6162; Rosemary 488-7144.

Books—old and out-of-print, bought and sold. Norwood Books 11302 95 Street. 474-4446. Ken Jackson, proprietor.

Piano accompanist available for vocal and instrumental work. R. Meilen, L.R.A.M. Telephone 436-2587.

Excellent typist. Telephone Sandy 434-5439.

Painting interiors. Good references. 436-2988.

Custom shelving systems. Reasonable. 436-2988.

Moving. Selling—Snowblower, MTD, 21-inch, 7 hp, two years old, like new, \$425. Walnut dining room suite, 48-inch round table, four chairs, excellent condition, \$500. Konica T3-SLR 35mm camera with 55mm - 1.7 lens and 28mm - 3.5 lens, excellent condition, \$325. 487-6206.

Will do typing in my home, anytime. IBM Selectric. Telephone Linda at 482-5121 or 422-1330.

Interested in having your area cleared of snow this winter? Telephone 439-3531; 462-2878.

Professional and experienced drafting of graphs for scientific papers, theses. 435-0495.

Two pair downhill skis, boots, poles. Portable washer, dryer, various small household items. 436-7941.

Electric organ. Heirloom bracelets. 435-8520.

Babysitter wanted to care for new baby. Start September. 434-2927.

Wanted—cold sores, fever blisters. If you suffer from the misery of recurrent cold sores and would be prepared to help research in this field (related to causes and treatment), telephone Dr. Russell, 432-6296.

Reliable student will house sit during owners' absence. References. Available immediately. Judith 466-2080.

French immersion kindergarten. Interested? Telephone Ninele Jackson 432-7203.

Downhill skis, 205 cm, Rossingol and Saloman bindings; mountaineering ski boots, leather, double layer. Offers. Life jacket, medium, \$15. Man's new Daoust skates, size 9½, \$25. Humidifier, \$10. 439-1313 (Bea).

Clerical help needed for medical doctor in South Windsor Park, one afternoon a week. 439-7598.

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